

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PD53598PC00	<b>FOR FURTHER ACTION</b>		See Form PCT/IPEA/416
International application No. PCT/EP2005/000254	International filing date (day/month/year) 13.01.2005	Priority date (day/month/year) 04.02.2004	
International Patent Classification (IPC) or national classification and IPC INV. H04L29/08 H04Q7/22			
Applicant SONY ERICSSON MOBILE COMMUNICATIONS AB et al			
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> <i>(sent to the applicant and to the International Bureau)</i> a total of 3 sheets, as follows:</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</li> <li><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</li> </ul> <p>b. <input type="checkbox"/> <i>(sent to the International Bureau only)</i> a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>			
<p>4. This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Box No. I Basis of the report</li> <li><input type="checkbox"/> Box No. II Priority</li> <li><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</li> <li><input type="checkbox"/> Box No. IV Lack of unity of invention</li> <li><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</li> <li><input type="checkbox"/> Box No. VI Certain documents cited</li> <li><input type="checkbox"/> Box No. VII Certain defects in the international application</li> <li><input type="checkbox"/> Box No. VIII Certain observations on the international application</li> </ul>			
Date of submission of the demand 22.11.2005	Date of completion of this report 02.03.2006		
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized officer  Cankaya, S Telephone No. +49 89 2399-7005		



**INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY**

International application No.  
PCT/EP2005/000254

IAP5 Rec'd PCT/PTO 27 JUL 2006

**Box No. I Basis of the report**

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
  - This report is based on translations from the original language into the following language, which is the language of a translation furnished for the purposes of:
    - international search (under Rules 12.3 and 23.1(b))
    - publication of the international application (under Rule 12.4)
    - international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the **elements\*** of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):

**Description, Pages**

1-10 as originally filed

**Claims, Numbers**

1-13 received on 22.11.2005 with letter of 18.11.2005

**Drawings, Sheets**

1/3-3/3 as originally filed

- a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing

3.  The amendments have resulted in the cancellation of:
  - the description, pages
  - the claims, Nos.
  - the drawings, sheets/figs
  - the sequence listing (*specify*):
  - any table(s) related to sequence listing (*specify*):
4.  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
  - the description, pages
  - the claims, Nos.
  - the drawings, sheets/figs
  - the sequence listing (*specify*):
  - any table(s) related to sequence listing (*specify*):

\* If item 4 applies, some or all of these sheets may be marked "superseded."

**INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY**

International application No.  
PCT/EP2005/000254

**Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

**1. Statement**

Novelty (N)	Yes: Claims	1-13
	No: Claims	
Inventive step (IS)	Yes: Claims	1-13
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-13
	No: Claims	

**2. Citations and explanations (Rule 70.7):**

**see separate sheet**

**INTERNATIONAL PRELIMINARY  
REPORT ON PATENTABILITY  
(SEPARATE SHEET)**

International application No.

PCT/EP2005/000254

**Re Item V**

**Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

Reference is made to the following document:

- D1: US2002/090954
- D2: US2004/009750
- D3: EP1278366
- D4: US2001/032335

- 1 The document D1 is regarded as being the closest prior art to the subject-matter of independent claim 1, and shows (the references in parentheses applying to this document):

Method for sharing of at least one media file of a portable communication device with a set of electronic communication devices (paragraphs 2 and 31), comprising the steps:

- detecting a setting, by a user, of the set of devices (paragraphs 9, 49, 51 ),
- generating said at least one media file by said portable communication device (paragraph 31)
- distributing at least a link, related to the media file, to at least the electronic communication devices of the set which were located in a region of said portable communication device, at the time of the generation of said at least one media file (paragraphs 2, 31, 49-52).

- 1.1 The subject-matter of claim 1 differs from this known in D1 in that claim 1 discloses:

- providing meta information together with the media file, said meta information being meta information in relation to the electronic communication devices of the set, which were located in the region of said portable communication device, at the time of the generation of said at least one media file,

- 1.2 The problem to be solved by the present invention may be regarded as how to combine a media file and information about a set of devices in a proximity of the

**INTERNATIONAL PRELIMINARY  
REPORT ON PATENTABILITY  
(SEPARATE SHEET)**

International application No.

PCT/EP2005/000254

creator of said media file into a single file, which is to be distributed to said set of devices.

- 1.3 In documents D1 and D2 only the media file itself, without any additional information, is sent to the detected devices in the group.

In document D3, an icon is used to authorize access to a media file. The icon includes meta data, which contains information that is used to determine who can access the media file or to whom the media file may be forwarded. D3 does not disclose adding meta information to a media file, where said meta information is about a detected set of devices located in a proximity of the generator of said media file.

Document D4 discloses a real-time picture communication system for sharing images. D4 does not disclose proximity detection and meta information associated with a media file.

Therefore, the solution to the problem proposed in claim 1 of the present application is considered as new (Article 33(2) PCT) and inventive (Article 33(3) PCT).

- 2 Corresponding independent claims 8, 12 and 13 also meet the requirements of the PCT with respect to novelty (Article 33(2) PCT) and inventive step (Article 33(3) PCT).
- 3 Dependent claims 2-7, 9-11 also meet the requirements of the PCT with respect to novelty (Article 33(2) PCT) and inventive step (Article 33(3) PCT).

## CLAIMS

1. Method for sharing of at least one media file of a portable communication device (102,202,302) with a set of electronic communication devices (312), comprising the steps:
  - detecting a setting, by a user, of the set of devices (312,step 402),
  - generating said at least one media file by said portable communication device (102,202,302,step404),
  - providing meta information together with the media file, said meta information being meta information in relation to the electronic communication devices (312) of the set, which were located in the region of said portable communication device (102, 202, 302), at the time of the generation of said at least one media file (step 410),
  - distributing at least a link, related to the media file, to at least the electronic communication devices (312) of the set which were located in a region of said portable communication device (102,202,302), at the time of the generation of said at least one media file (step 414).
- 20 2. Method according to claim 1, wherein said region is within a radius from the portable communication device (102,202,302).
- 25 3. Method according to claim 1, wherein the step of detecting the determination of the set of electronic communication devices (312,step 402), comprises detecting a pairing of the portable communication device (102,202,302) with at least one electronic communication device (312) of the set of devices, made under the control of the user.
- 30 4. Method according to claim 3, wherein detecting the pairing (step 402) comprises initiating a connection between the portable communication device (102,202,302) and the paired electronic communication devices (312) and wherein the step of distributing (step 414) further comprises distributing said media file over said initiated connection.
- 35 5. Method according to claim 1, wherein the step of distributing (step 414), further comprises distributing said media file to at least the electronic communication devices (312) that were located in the region of said portable communication device (102, 202,302), at the time of the generation of said at least one media file.
- 40 6. Method according to claim 4, in which the connection is a wireless connection.
7. Method according to claim 4, in which the connection is a Bluetooth® Wireless



## Technology connection.

8. Portable communication device (102, 202, 302) for sharing at least one media file with a set of electronic communication devices (312), said portable communication device (102, 202, 302) comprising:
- a media unit (210, 310), provided for generating a media file (step 404),
  - a control unit (208, 308), connected to the media unit, arranged to detect a setting (step 402) of the set of electronic communication devices (312), by a user, arranged to provide meta information together with the media file (step 410) in relation to the electronic communication devices (312) of the set, which were located in the region of said portable communication device (102, 202, 302), at the time of the generation of said at least one media file, and provided for distributing (step 414) at least a link, related to the media file, to the electronic communication devices (312) of the set which were located in a region of said portable communication device (102, 202, 302), at the time of the generation of said at least one media file,
- for connecting to a wireless communication unit (204, 304) to enable wireless communication over a wireless communication interface between the wireless communication unit (204, 304) associated with said portable communication device (102, 202, 302) and a wireless communication unit (314) associated with at least one electronic communication device (312) of the set.
9. Portable communication device (102, 202, 302) according to claim 8, further comprising:
- the wireless communication unit (204, 304) for enabling wireless communication over a wireless communication interface between the wireless communication unit (204, 304) associated with said portable communication device (102, 202, 302) and the wireless communication unit (314) associated with said at least one electronic communication device (312),
- wherein the wireless communication unit (204, 304) associated with the portable communication device (102, 202, 302) is connected to the control unit (208, 308).
10. Portable communication device (102, 202, 302) according to claim 8, wherein the wireless communication unit (204, 304) is a Bluetooth® Wireless Technology unit.
11. Portable communication device (102, 202, 302), according to claim 8, wherein the portable communication device (102, 202, 302) is a mobile

phone.

12. A computer program product (52) comprising a computer readable medium, having thereon: computer program code means, to make a portable communication device (102,202,302) execute, when said program code means is loaded in the device (102,202,302):

- detect a setting of a set of electronic communication devices (312,step 402),
- generate said at least one media file by said first portable communication device (102,202,302,step 404),
- provide meta information together with the media file, said meta information being meta information in relation to the electronic communication devices (312) of the set, which were located in the region of said portable communication device (102, 202, 302), at the time of the generation of said at least one media file (step 410), and
- distribute at least a link, related to the media file, to the electronic communication devices (312,step 414) in the set which were located in a region of said portable communication device (102,202,302), at the time of the generation of said at least one media file,

20

so as to enable facilitated sharing of at least one media file of the portable communication device (102,202,302) with said electronic communication devices (312).

25

13. A computer program element having computer program code means, to make a portable communication device (102,202,302) execute, when said computer program element is loaded in the device (102,202,302):

- detect a setting of a set of electronic communication devices (312,step 402),
- generate said at least one media file by said first portable communication device (102,202,302,step 404),
- provide meta information together with the media file, said meta information being meta information in relation to the electronic communication devices (312) of the set, which were located in the region of said portable communication device (102, 202, 302), at the time of the generation of said at least one media file (step 410), and
- distribute at least a link, related to the media file, to the electronic communication devices (312,step 414) in the set which were located in a region of said portable communication device (102,202,302), at the time of the generation of said at least one media file,

40

so as to enable facilitated sharing of at least one media file of the portable communication device (102,202,302) with said electronic communication devices (312).